



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/976,708

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Inventor(s):

Michael C. Dorsey

Title: ASIC BIST  
CONTROLLER  
EMPLOYING MULTIPLE  
CLOCK DOMAINS

Examiner: Trimmings, J.

Group/Art Unit: 2133

Atty. Dkt. No: 5681-55500

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Erik A. Heter

Printed Name

June 8, 2004

Signature

Date

SUBMISSION OF FORMAL DRAWINGS

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Official Draftsman

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

JUN 17 2004

Technology Center 2100

Sir:

Applicant hereby submits the formal drawings for the above-referenced application and requests that these drawings be accepted for filing.

Respectfully submitted,

Erik A. Heter

Reg. No. 50,652

AGENT FOR APPLICANT(S)

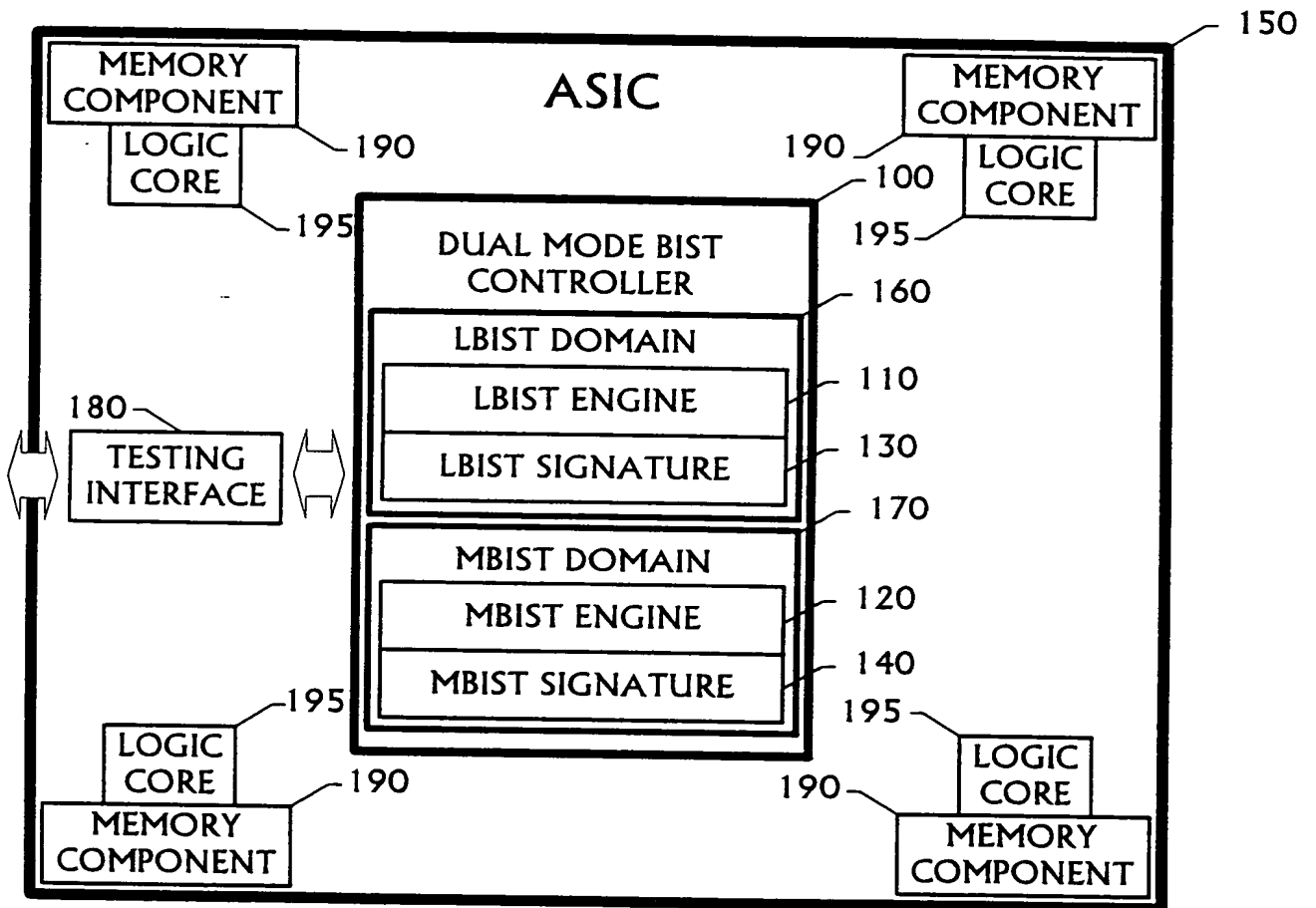
Meyertons, Hood, Kivlin, Kowert, & Goetzel, P.C.

P.O. Box 398

Austin, TX 78767-0398

Phone: (512) 853-8800

Date: June 8, 2004



**FIG. 1**



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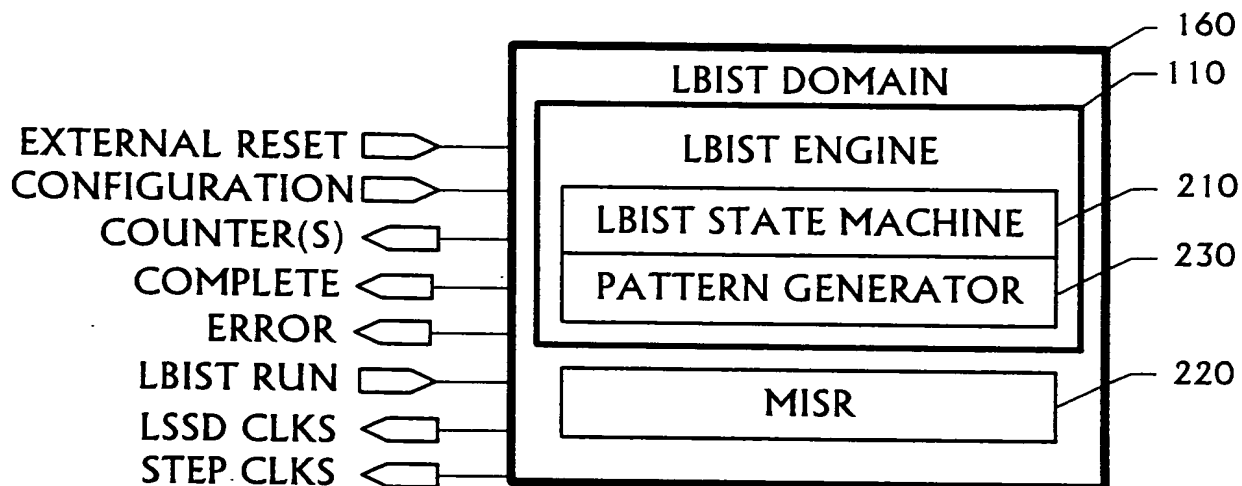


FIG. 2

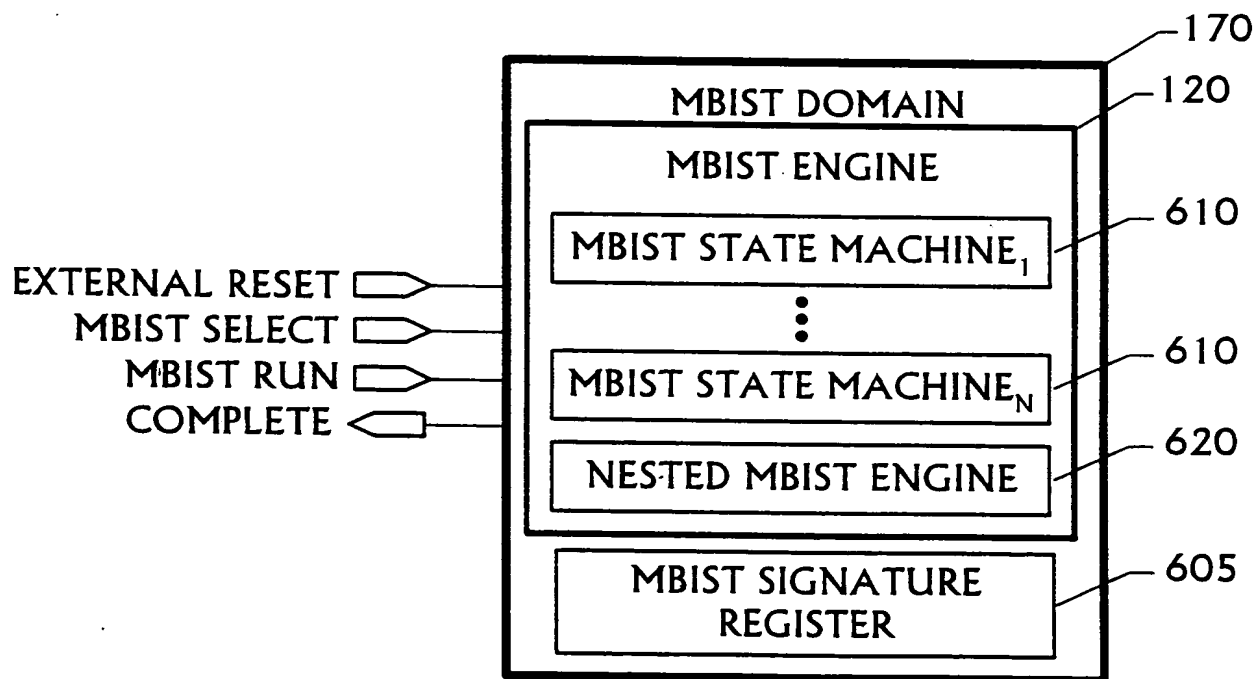
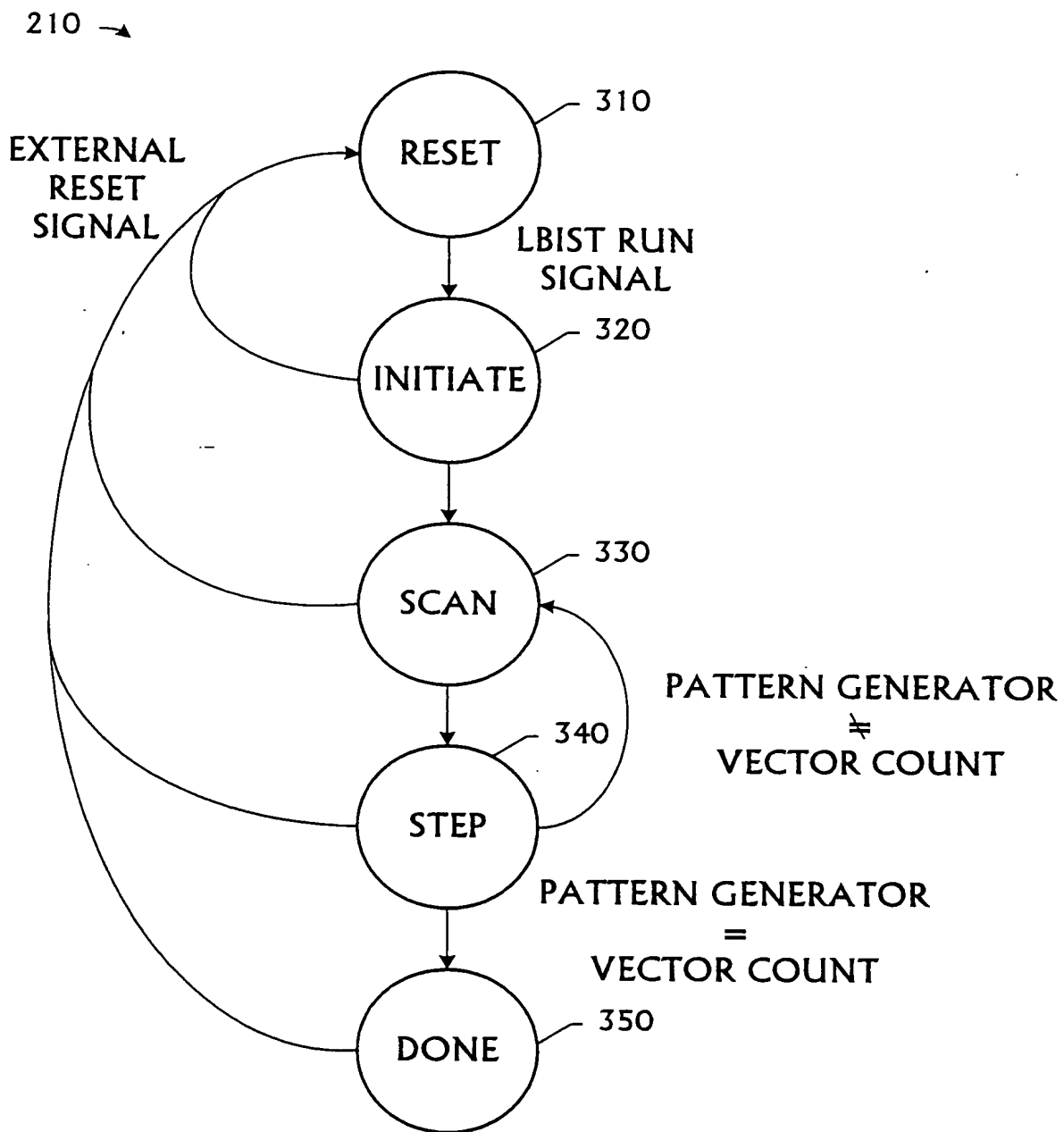


FIG. 6



**FIG. 3**



B <sub>31</sub>	B <sub>30</sub>	B <sub>29</sub>	B <sub>28</sub>	B <sub>27</sub>	B <sub>26</sub>	B <sub>25</sub>	B <sub>24</sub>	B <sub>23</sub>	B <sub>22</sub>	B <sub>21</sub>	B <sub>20</sub>	B <sub>19</sub>	B <sub>18</sub>	B <sub>17</sub>	B <sub>16</sub>	B <sub>15</sub>	B <sub>14</sub>	B <sub>13</sub>	B <sub>12</sub>	B <sub>11</sub>	B <sub>10</sub>	B <sub>9</sub>	B <sub>8</sub>	B <sub>7</sub>	B <sub>6</sub>	B <sub>5</sub>	B <sub>4</sub>	B <sub>3</sub>	B <sub>2</sub>	B <sub>1</sub>	B <sub>0</sub>
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FIG. 4

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B <sub>30</sub>	B <sub>29</sub>	B <sub>28</sub>	B <sub>27</sub>	B <sub>26</sub>	B <sub>25</sub>	B <sub>24</sub>	B <sub>23</sub>	B <sub>22</sub>	B <sub>21</sub>	B <sub>20</sub>	B <sub>19</sub>	B <sub>18</sub>	B <sub>17</sub>	B <sub>16</sub>	B <sub>15</sub>	B <sub>14</sub>	B <sub>13</sub>	B <sub>12</sub>	B <sub>11</sub>	B <sub>10</sub>	B <sub>9</sub>	B <sub>8</sub>	B <sub>7</sub>	B <sub>6</sub>	B <sub>5</sub>	B <sub>4</sub>	B <sub>3</sub>	B <sub>2</sub>	B <sub>1</sub>	B <sub>0</sub>
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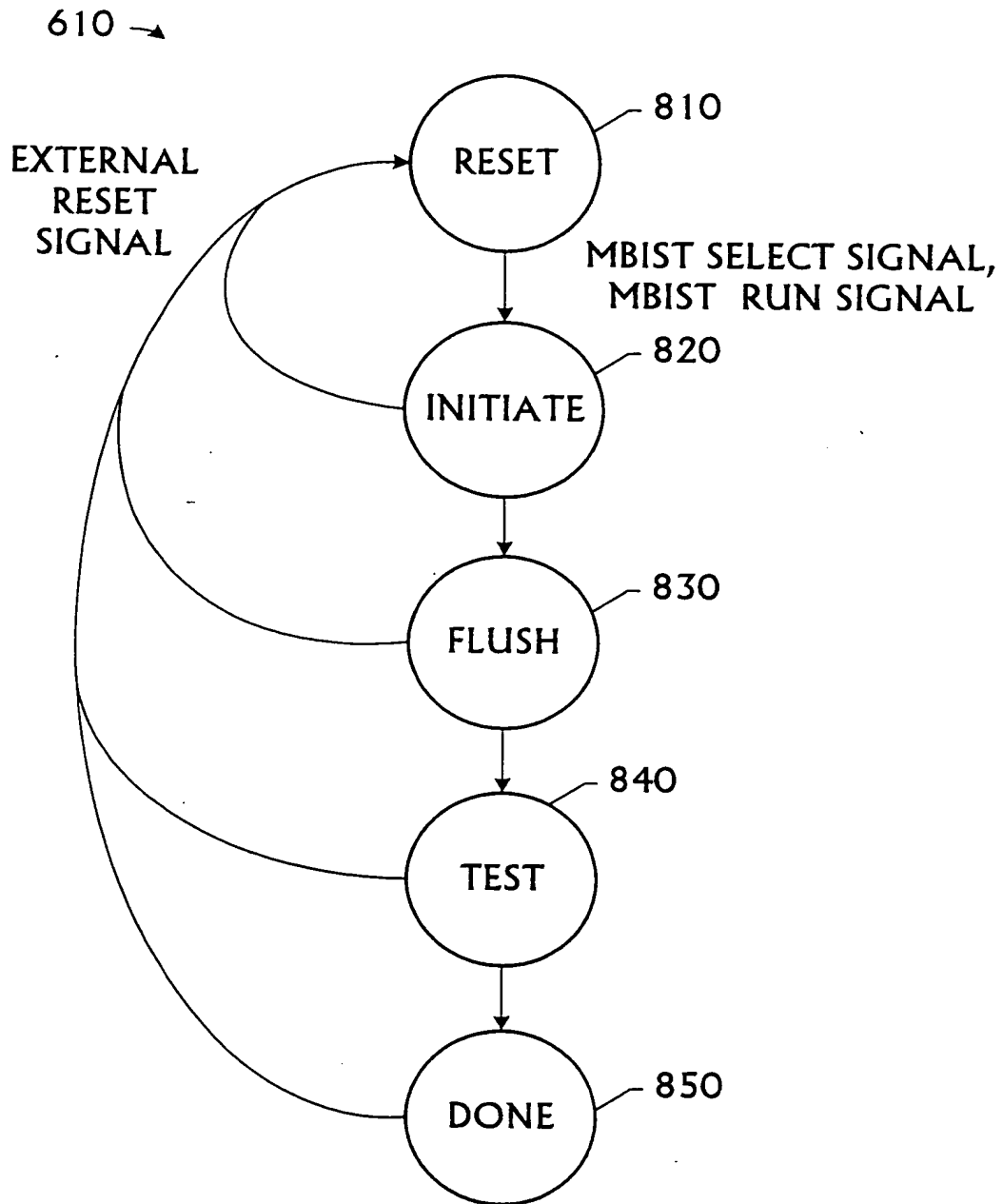
FIG. 5

B <sub>31</sub>	B <sub>30</sub>	B <sub>29</sub>	B <sub>28</sub>	B <sub>27</sub>	B <sub>26</sub>	B <sub>25</sub>	B <sub>24</sub>	B <sub>23</sub>	B <sub>22</sub>	B <sub>21</sub>	B <sub>20</sub>	B <sub>19</sub>	B <sub>18</sub>	B <sub>17</sub>	B <sub>16</sub>	B <sub>15</sub>	B <sub>14</sub>	B <sub>13</sub>	B <sub>12</sub>	B <sub>11</sub>	B <sub>10</sub>	B <sub>9</sub>	B <sub>8</sub>	B <sub>7</sub>	B <sub>6</sub>	B <sub>5</sub>	B <sub>4</sub>	B <sub>3</sub>	B <sub>2</sub>	B <sub>1</sub>	B <sub>0</sub>
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FIG. 7



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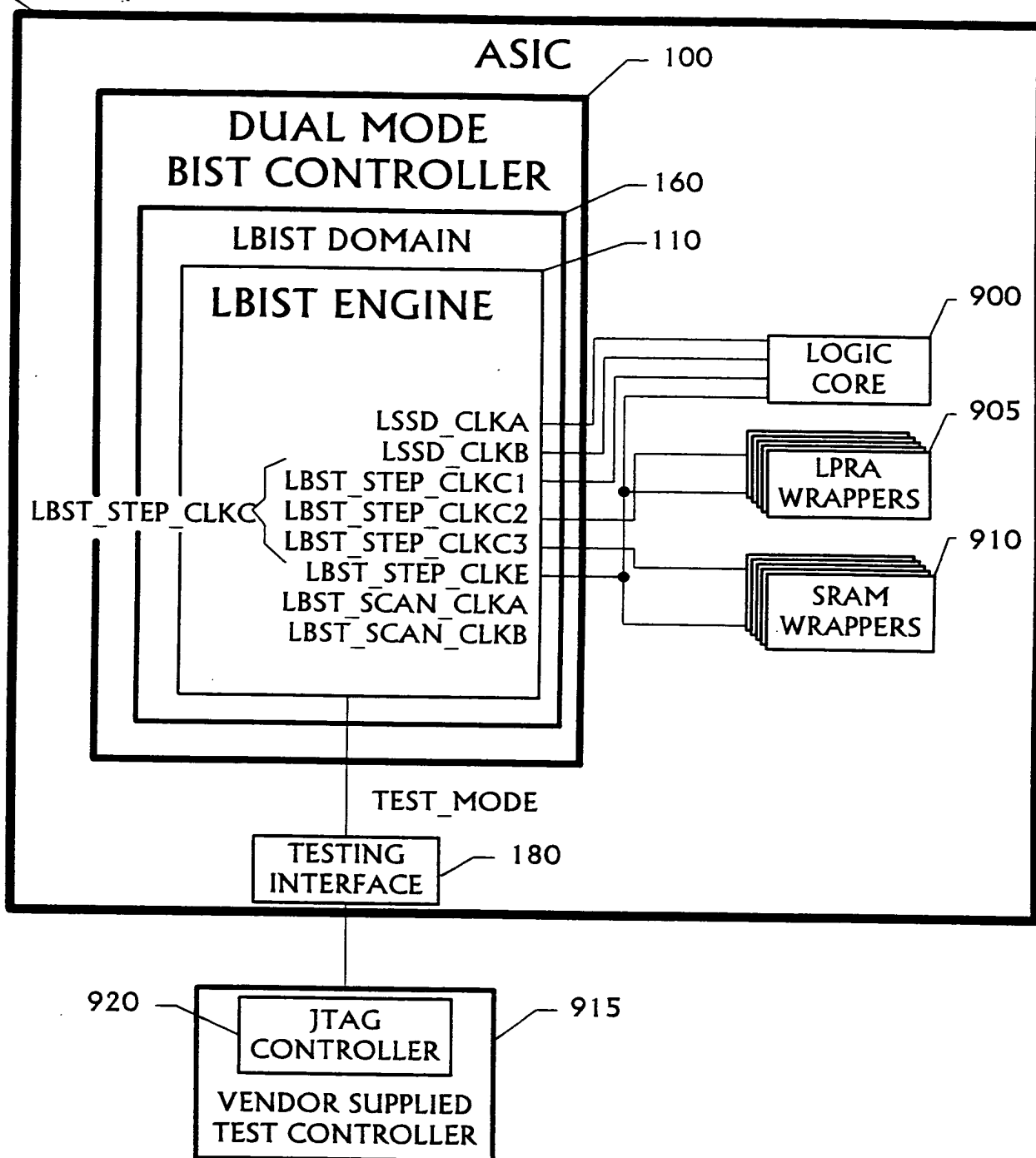


**FIG. 8**



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150



**FIG. 9**

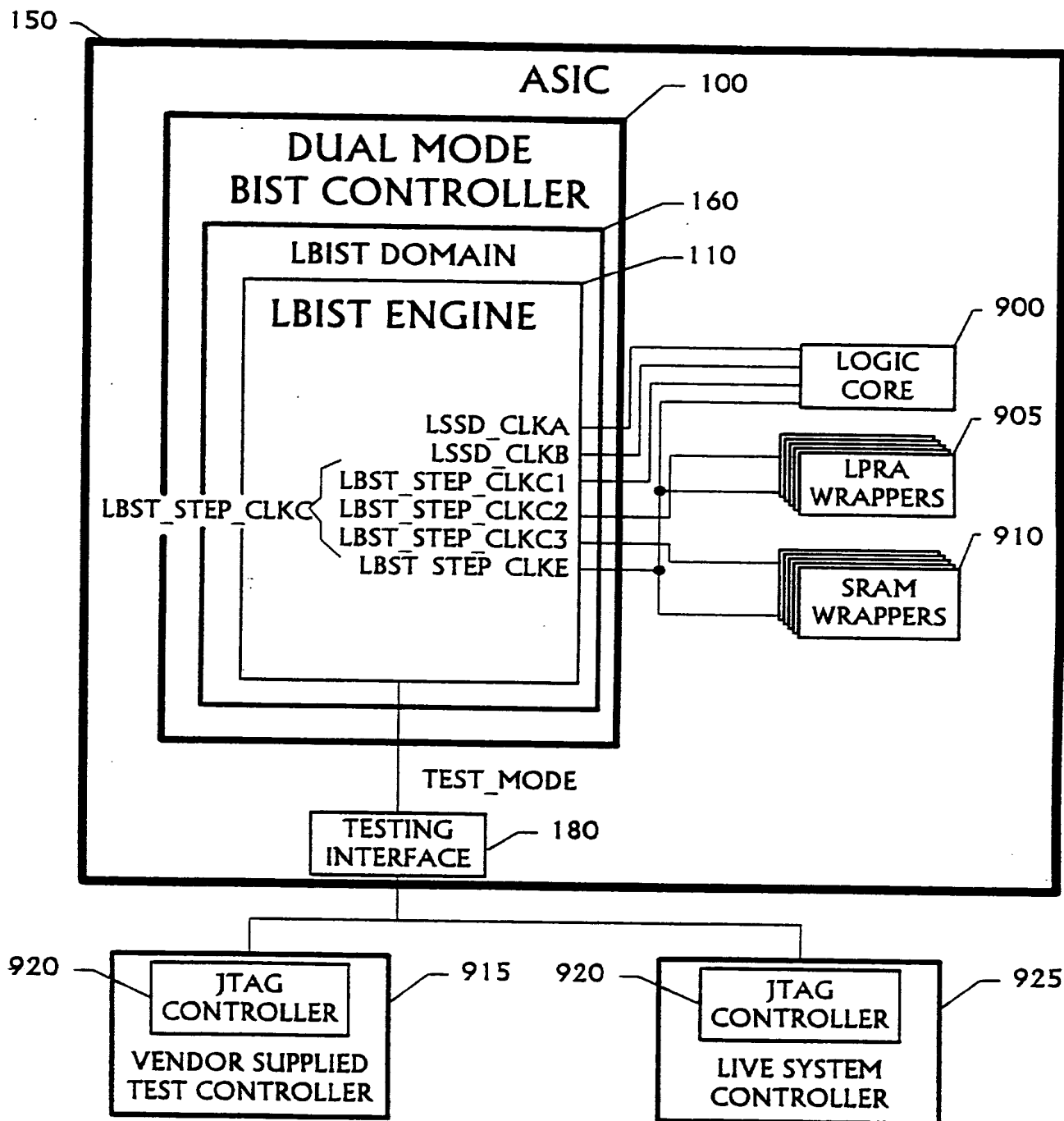


FIG. 9